



ALBERT VODERMAYER, et al.  
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PATENT

IN THE CLAIMS:

Please cancel claims 1-10. Please add the following new claims.

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1 11. (New) An areally extended composite material including fibers and  
2 plastic impregnations, the material comprising at least two arrays of parallel fiber cords,  
3 the two arrays extending in different directions, forming a web, mesh or grid, wherein the  
4 fibers of the first array are impregnated with substantially more plastic than the fibers of a  
5 second array such that the composite material is stiff in a direction of the fibers of the  
6 first array and is flexible transversely to said direction, and wherein openings exist  
7 between the fiber cords.

1 12. (New). An areally extended composite material in accordance with  
2 claim 11 wherein the fiber cords are one of either bundle-like or band-like.

1 13. (New) An areally extended composite material in accordance with  
2 claim 11 wherein the fibers of the first array are impregnated with substantially more  
3 plastic than the fibers of a third array.

1 14. (New) An areally extended composite material in accordance with  
2 claim 11 wherein the composite material is built up through two arrays of fiber cords that  
3 cross at binding points and thus form one of a web or a mesh.

1 15. (New) An areally extended composite material in accordance with  
2 claim 11 wherein the fiber cords of the first array have an impregnation that, in relation to  
3 a maximum capacity of plastic that may be taken up, amounts to at least 35%, and  
4 wherein the impregnation of fiber cords of a third array is less than 20%.

1 16. (New) An areally extended composite material in accordance with  
2 claim 15 wherein the impregnation of the fiber cords of the third array is less than 5%.

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1 *Sub E1* 17. (New) An areally extended composite material in accordance with  
2 claim 11 wherein the plastic for the impregnation is a thermoplastic.

1 18. (New) An areally extended composite material in accordance with  
2 claim 17 wherein at least one of a pulverized duroplastic and a pulverized inorganic  
3 material is mixed with the plastic for the impregnation.

*BI* *Sub E1* 19. (New) An areally extended composite material in accordance with  
2 claim 11 wherein the fibers of the first array have a substantially smaller diameter than  
3 the fibers of the second array.

1 20. (New) An areally extended composite material in accordance with  
2 claim 19 wherein the fibers of the first array have a substantially smaller diameter than  
3 the fibers of a third array.

*Sub E1* 21. (New) An areally extended composite material in accordance with  
2 claim 19 wherein the fibers of the first array consist of carbon and the fibers of the  
3 second array consist of glass.

1 22. (New) An areally extended composite material in accordance with  
2 claim 20 wherein the fibers of a third array consist of glass.

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